



November 13, 2001
(Via certified or express mail)

Kevin Turner-Environmental Scientist, OSC
U. S. Environmental Protection Agency
c/o Crab Orchard National Wildlife Refuge
8588 Rt. 148
Marion, IL 62959

Thomas Martin
Associate Regional Counsel
77 West Jackson Boulevard (C-14J)
Chicago, IL 60604-3590

**Re: Sauget Sites Area I - May 31, 2000 Unilateral Administrative Order (UAO)
Sediment / Soils Removal Action**
• # 6 - November 2001 Monthly Report

Dear Mr. Turner and Mr. Martin,

Enclosed is the November 2001 Monthly Report for the Sauget Sites Area I May 31, 2000 Unilateral Administrative Order ("UAO") sediment removal Action. This submittal is in fulfillment of the monthly reporting requirements of the UAO, Section V, and paragraph 3.4. Reporting.

Sincerely,

D. M. Light
Manager, Remedial Projects
Solutia Inc.

cc:

Michael Ribordy - USEPA Region 5
Sauget File - Solutia
S. Bron - IEPA
Mayor D. Reed - Cahokia
Village of Sauget - % P. H. Weis & Associates (Attn: Brian Nelson)
Rich Bartelt - Arcadis

Mike Henry - IDNR
Kevin de la Bruere - USF&G
Mayor P. Sauget - Sauget, IL
Jon Dikinas - Dikinas Consulting

Sauget Sites Area I - Sauget, Illinois

May 31, 2000 UAO – Dead Creek Sediment Removal Action

Monthly Report

Date of Report: November 13, 2001
Period Covered: October 1, 2001 – October 31, 2001
Next Report Period: November 1, 2001 – November 30, 2001

Background

A Unilateral Administrative Order (“UAO”) was issued to Solutia by the U. S. EPA on May 31, 2000, requiring construction of an on-site containment cell, removal of affected creek bed sediments and soils and flood plain soils from specific sections of Dead Creek, and placement of the affected sediments and soils in the newly constructed on-site cell. A Time Critical Removal Action Work Plan (“TCRAWP”) was initially submitted to the Agencies June 30, 2000 for review and approval. Agreements sufficient to proceed with issuance of a request for bids for the containment cell construction were reached in December, 2000. Bids were received in late January and evaluated in February 2001.

Fieldwork began on the sediment de-watering phase of the project in November 2000. Installation of the required facilities (piping, pumps, basins, etc.) to de-water the sediments while the containment cell is being constructed was completed and started up in February, 2001. Operation of these facilities will continue until all sediments are placed into the containment cell.

Subject to the inclusion of all comments and agreed upon revisions, approval of the containment cell design by U. S. EPA was received March 5, 2001. A contract for construction of the containment cell was awarded March 8, 2001 to LMS Environmental Contracting, Inc. (“LMS”). Placement of fill for the Containment Cell berms began April 23, 2001. A March 30, 2001 revised draft containment cell design was approved by the Agencies in a May 10, 2001 letter. Construction was completed on the Containment Cell on September 13, 2001. A draft Containment Cell Certification Report was submitted for Agencies’ review and approval upon construction completion. The Containment Cell was approved on September 24, 2001 by USEPA and IEPA for receipt of sediment. Placement of sediments into the cell began September 26, 2001.

Agency Actions / Communications

- An Amendment to the UAO was received October 29, 2001. The Amendment modified the project scope of the UAO – adding Creek Sector F sediments removal and placement into the Containment Cell.
- Revision 01 Draft Groundwater Monitoring Plan - submitted to the Agencies August 3, 2001 – remained under review.
- The Operations and Maintenance Report - submitted for Agencies' review and approval August 28, 2001- remained under review. Portions of the Plan applicable to the placement of sediments have already been approved.
- An August 20, 2001 request for a change in the Post Removal Confirmation Sampling Protocol remained under review by the Agencies.

Work Performed during the reporting period

- Continued sediment dewatering activities and maintenance of dewatering pumps.
- Completed sediment removal from Jerome Avenue to Cahokia Street (approx. 19,000 cy sediments removed and placed in the cell to date).
- Completed relocating previously stockpiled sediments from Segment B into the containment cell.
- Sampled sediments being placed in the containment cell as required by the approved Work Plan.
- Began sediment removal from Segment B (working from Queeny Ave south).
- Began installing temporary cover (poly, geotextile, and dense grade) in CS-B.
- Performed startup testing of storm water storage and treatment system.
- Processed approximately 500,000 gallons of storm water through the on-site storm water treatment system.
- Continued screening sediments for placement against containment cell slopes per the Work Plan.

Data Submittal

The analytical results are enclosed from the initial sampling round (background) of the containment cell groundwater monitoring wells.

Work scheduled for next reporting period

- Complete sediment removal in CS-B. Complete installation of the temporary cover (poly and dense grade) in northern section of Segment B.
- Begin sediment removal from CS-C – the last segment north of CS-F to be completed.
- Begin clearing and grubbing in Segment F. Setup dewatering system in CS-F.
- Begin post sediment removal sampling of the creek.
- Pending Agencies' approval of the protocol, begin post sediment removal confirmation sampling.

- Continue operation of the storm water treatment system on an as-needed basis.
- Continue screening sediments for placement against cell slopes as required.

PROJECT COMPLETION

Mobilization	100 %
Berm Construction	100 %
Liner Installation	100 %
Sediment Removal Preparation	100 %
Sediment Excavation (Site M)	100 %
Creek Sediment Excavation	80 %
Cover Installation	0 %
Demobilization	0 %
Final Report Preparation	0 %

Problems and Solutions

None

Submittal Schedule Status

See attached UAO schedule

Issues under review

None

Comments

None

May 31 Sauget Area I UAO Sediment Removal Action

SCHEDULE

Deliverable	Description	Due Date
Issuance Date	Date UAO signed by Muno	31-May-00
Effective Date	10 business day after issuance	14-Jun-00
Notice of Intent to Comply	3 business days after effective date	19-Jun-00
Designation of Contractor and Project Coordinator	5 business days after effective date	21-Jun-00
Access	14 calendar days after effective date	28-Jun-00
Time Critical Removal Action Work Plan Submittal	15 business days after effective date	7-Jul-00
EPA Approval of TCRA W/P		May 10, 2001
Monthly Reports	Begin 30 calendar days after approval of TCRA W/P until completion	June 10, 2001
Final Report	60 Calendar days after completion of sediments and soils removal	
Mitigation Plan	60 Calendar days after completion of sediments and soils removal	